

FRAMINGHAM HEART STUDY

EVENTS DURING 44-YEAR FOLLOW-UP

SAS NAME: A0SOE44

VARIABLE

ID	ID NUMBER FRAMINGHAM COHORT I.D. # * DELETED TO PRESERVE CONFIDENTIALITY
PID	RANDOM ID NUMBER * TO PRESERVE CONFIDENTIALITY
EVENT	EVENT NUMBER ON SEQUENCE OF EVENTS * VARIABLE CHANGED TO PRESERVE CONFIDENTIALITY
DATE	DATE OF EVENT (A SAS DATE VARIABLE) * VARIABLE CHANGED TO PRESERVE CONFIDENTIALITY TIME FROM EXAM1 TO INITIAL EVENT IS GIVEN BELOW
EXAM	EXAM NUMBER ASSIGNED FROM DATE * VARIABLE DELETED TO PRESERVE CONFIDENTIALITY
CHDTIME	TIME FROM EXAM 1 TO INITIAL CORONARY HEART DISEASE MORTALITY/MORBIDITY EVENT (DAYS)
CHDTYPE	TYPE OF CHD EVENT *REFER TO APPENDIX
CVATIME	TIME FROM EXAM 1 TO INITIAL STROKE EVENT (DAYS)
CVATYPE	TYPE OF STROKE EVENT *REFER TO APPENDIX

ICTIME	TIME FROM EXAM 1 TO INITIAL INTERMITTENT CLAUDICATION (DAYS)
ICTYPE	TYPE OF IC EVENT * REFER TO APPENDIX
CHFTIME	TIME FROM EXAM 1 TO INITIAL CONGESTIVE HEART FAILURE (DAYS)
CHFTYPE	TYPE OF CHF EVENT *REFER TO APPENDIX
CVDTIME	TIME FROM EXAM 1 TO INITIAL CARDIOVASCULAR DISEASE MORBIDITY/MORTALITY EVENT (DAYS)
CVDTYPE	TYPE OF CVD EVENT * REFER TO APPENDIX
DTHTIME	TIME FROM EXAM 1 TO DEATH (DAYS)
DTHTYPE	TYPE OF DTH *REFER TO APPENDIX
MITIME	TIME FROM EXAM 1 TO INITIAL MYOCARDIAL INFARCTION (DAYS)
MITYPE	TYPE OF MI EVENT *REFER TO APPENDIX
HATIME	TIME FROM EXAM 1 TO INITIAL HEART ATTACK (CHD-AP) (DAYS)
HATYPE	TYPE OF HA EVENT *REFER TO APPENDIX
CVMTIME	TIME FROM EXAM 1 TO INITIAL STROKE (NO TIAS) (DAYS)
CVMTYPE	TYPE OF STROKE (NO TIA) EVENT *REFER TO APPENDIX
ABITIME	TIME FROM EXAM 1 TO INITIAL ABI (DAYS)
ABITYPE	TYPE OF CVA * REFER TO APPENDIX
APTIME	TIME FROM EXAM 1 TO INITIAL ANGINA PECTORIS (DAYS)
APTTYPE	TYPE OF CHD *REFER TO APPENDIX
CITIME	TIME FROM EXAM 1 TO INITIAL CORONARY INSUFFICIENCY (DAYS)
CITYPE	TYPE OF CHD *REFER TO APPENDIX
TIATIME	TIME FROM EXAM 1 TO INITIAL TIA (DAYS)

TIATYPE TYPE OF CVA *REFER TO APPENDIX

- 2 -

APPENDIX

EVENT NUMBER ON SEQUENCE OF EVENTS

+

01-09 CHD

01 MI RECOGNIZED, WITH DIAGNOSTIC ECG

02 MI RECOGNIZED, WITHOUT DIAGNOSTIC ECG, WITH
TRANSAMINASE AND HISTORY

03 MI RECOGNIZED, WITHOUT DIAGNOSTIC ECG, WITH
AUTOPSY EVIDENCE, NEW EVENT (SEE ALSO CODE 09)

04 MI UNRECOGNIZED, SILENT

05 MI UNRECOGNIZED, NOT SILENT

NOTES: RECOGNIZED MEANS AT TIME OF MI OCCURRENCE, AN
MI WAS KNOWN TO HAVE TAKEN PLACE.

UNRECOGNIZED MEANS MI WAS NOT KNOWN TO HAVE TAKEN
PLACE UNTIL LATER AT FRAMINGHAM EXAMINATION.

SILENT MI MEANS AT TIME OF MI, THERE WERE NO SYMPTOMS
SIMILAR TO MI SYMPTOMS. NOT SILENT MEANS THAT
SYMPTOMS WERE PRESENT.

UNRECOGNIZED MI'S WERE DATED THE MIDPOINT BETWEEN
THE DATES OF THE DIAGNOSTIC ECG'S.

MI RECOGNIZED IS CODED STRONGEST EVIDENCE (01>02>03).

06 AP, FIRST EPISODE DATED ONLY. IF DATE OF AP WAS
UNAVAILABLE THEN AP WAS DATED AS MIDPOINT OF
INTERVAL BETWEEN EXAMS OR BETWEEN HOSPITALIZATION
AND EXAM. IF AP OCCURRED WITH MI OR CI, THEN USE SAME
DATE AS MI OR CI. UNTIL 1987, IF AP OCCURED JUST BEFORE
MI OR CI, THEN AP DATE WAS ASSIGNED 3 MONTHS BEFORE
MI OR CI. IF AP OCCURRED JUST AFTER MI OR CI, THEN AP
DATE WAS ASSIGNED 3 MONTHS AFTER MI OR CI. BEGINNING
IN 1987, IF APPROXIMATE OR EXACT DATE OF NEW ANGINA WAS
AVAILABLE, THEN THAT DATE WAS ASSIGNED AS DATE OF AP.

07 CI, BOTH ECG AND HISTORY DEFINITE

08 QUESTIONABLE MI AT EXAM 1, DATE SAME DATE AS EXAM 1.
ANY QUESTIONABLE MI EPISODE AT EXAM 1: DEFINITE
MI HISTORY WITHOUT TRANSAMINASE OR AUTOPSY, OR
POSSIBLE MI-ECG. DOES NOT INCLUDE QUESTIONABLE AP.

09 MI AUTOPSY, NOT A NEW EVENT. THIS IS SAME EVENT
AS A PREVIOUSLY CODED MI (01-05).

10-19 CVA

10 DEFINITE CVA AT EXAM 1, BUT QUESTIONABLE TYPE.

11 ABI

12 TIA (ONLY THE 1ST TIA IS CODED)

13 CEREBRAL EMBOLISM

14 INTRACEREBRAL HEMORRHAGE

15 SUBARACHNOID HEMORRHAGE

16 OTHER CVA

19 QUESTIONABLE CVA AT EXAM 1, DATE OF EXAM 1

1

- 3 -

EVENT NUMBER ON SEQUENCE OF EVENTS

+

20-29 DEATH

20 DEATH, NOT REVIEWED

21 DEATH, CHD SUDDEN, WITHIN 1 HOUR

22 DEATH, CHD, 1-23 HOURS, NONSUDDEN

23 DEATH, CHD, 24-47 HOURS, NONSUDDEN

24 DEATH, CHD, 48 HOURS OR MORE, NONSUDDEN

25 DEATH, CVA

26 DEATH, OTHER CVD

27 DEATH, CANCER

28 DEATH, OTHER CAUSES

29 DEATH, CAUSE UNKNOWN

30-39 IC

30 IC, DATE MIDPOINT OF INTERVAL AS AP, ALSO
DATE ONLY FIRST EVENT
39 QUESTIONABLE IC AT EXAM 1, USE EXAM 1 DATE

40-49 CHF

40 CHF NOT HOSPITALIZED
41 CHF HOSPITALIZED
49 QUESTIONABLE CHF AT EXAM 1, USE EXAM 1 DATE

ABBREVIATIONS

CHD CORONARY HEART DISEASE
MI MYOCARDIAL INFARCTION
ECG ELECTROCARDIOGRAM
AP ANGINA PECTORIS
CI CORONARY INSUFFICIENCY
CVA CEREBROVASCULAR ACCIDENT
ABI ATHEROTHROMBOTIC INFARCTION
TIA TRANSIENT ISCHEMIC ATTACK
CVD CARDIOVASCULAR DISEASE
IC INTERMITTANT CLAUDICATION
CHF CONGESTIVE HEART FAILURE

